

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A process for preparing a fluorine containing copolymer by an emulsion polymerization method in the presence of a pH modifier wherein the pH modifier is aqueous ammonia.

2. (Original) The process for preparing a fluorine containing copolymer according to claim 1 wherein a cationic surfactant and a water soluble organic solvent are used as a coagulating agent, in the preparation of the fluorine containing copolymer by coagulating a fluorine containing copolymer in a fluorine containing copolymer dispersed aqueous solution prepared by the emulsion polymerization method.

3. (Currently Amended) The process for preparing a fluorine containing copolymer according to claim 2 wherein the cationic surfactant is represented by the following formula:



in the formula, R is any one of an alkyl group of 1 to 22 carbon atoms, a fluoroalkyl group obtainable by fluorine replacement of at least one part of hydrogen atoms present in the alkyl group, and a hydrogen atom, four R's may be the same or different, provided that four R's are not hydrogen atoms simultaneously, and *X is a halogen atom.

4. (Currently Amended) The process for preparing a fluorine containing copolymer according to ~~any one of claims 1 to 3~~claim 1 wherein the emulsion polymerization is carried out in the presence of an anionic surfactant as an emulsifying agent.

5. (Currently Amended) A fluorine containing copolymer obtainable by a process as claimed in ~~any one of claims 1 to 4~~claim 1 and having a metal element concentration of not more than 1 ppm.

6. (Original) A fluorine containing copolymer melt molded article obtainable by melt molding a fluorine containing copolymer as claimed in claim 5.

7. (Original) A fluorine containing cross-linking molded article obtainable by cross-linking molding a fluorine containing copolymer as claimed in claim 5.

8. (New) The process for preparing a fluorine containing copolymer according to claim 2 wherein the emulsion polymerization is carried out in the presence of an anionic surfactant as an emulsifying agent.

9. (New) The process for preparing a fluorine containing copolymer according to claim 3 wherein the emulsion polymerization is carried out in the presence of an anionic surfactant as an emulsifying agent.

10. (New) A fluorine containing copolymer obtainable by a process as claimed in claim 2 and having a metal element concentration of not more than 1 ppm.

11. (New) A fluorine containing copolymer obtainable by a process as claimed in claim 3 and having a metal element concentration of not more than 1 ppm.

12. (New) A fluorine containing copolymer obtainable by a process as claimed in claim 4 and having a metal element concentration of not more than 1 ppm.

13. (New) A fluorine containing copolymer melt molded article obtainable by melt molding a fluorine containing copolymer as claimed in claim 11.

14. (New) A fluorine containing copolymer melt molded article obtainable by melt molding a fluorine containing copolymer as claimed in claim 12.

15. (New) A fluorine containing cross-linking molded article obtainable by cross-linking molding a fluorine containing copolymer as claimed in claim 11.

16. (New) A fluorine containing cross-linking molded article obtainable by cross-linking molding a fluorine containing copolymer as claimed in claim 12.